APPLICANT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PPLICANT: David B. Hall

EXAMINER: N/A

SERFAL NO.:

10/600,099

GROUP:

2874

FILED:

06/20/2003

CASE NO.:

NGC-143/000221-199

ENTITLED:

CALCULATION OF SENSOR ARRAY INDUCED PHASE ANGLE

INDEPENDENT FROM DEMODULATION PHASE OFFSET OF PHASE

GENERATED CARRIER

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Applicants respectfully request that the references enclosed and listed on the attached sheets be considered by the Examiner.

In accordance with 37 CFR 1.97(e)(1) each item of information contained in the Information Disclosure Statement was first cited in communication (copy enclosed) from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

The filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56(b).

No fee is believed due for the filing of this Information Disclosure Statement. In the event of under or overpayment of a fee at anytime during the prosecution of the subject application, the Commissioner is hereby authorized to charge or credit the Patti & Brill, LLC <u>Deposit Account No. 50-1941</u> the amount necessary to correct the error.

Any questions should be directed to the undersigned.

CERTIFICATE OF MAILING

Respectfully submitted,

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on January 4, 2005.

Carmen B. Patti Reg. No. 26,784

Carmen B. Patti

January 4, 2005

Patti & Brill, LLC

Customer Number 32205

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Ander the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449/PTO

Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known			
Application Number	10/600,099		
Filing Date	06/20/2003		
First Named Inventor	David B. Hall		
Art Unit	2874		
Examiner Name	N/A		
Attorney Docket Number	NGC-143/000221-199		

	T 611			DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (7 known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	^{US-} 6,556,509	04/29/2003	Cekorich et al.	
	2	^{US-} 3,134,015	05/19/1964	Harrison, Blair H.	
	3	US- 5,917,597	06/29/1999	Hall et al.	
	4	^{US-} 5,923,030	07/13/1999	Assard et al.	
		US-			<u> </u>
		US-	-		
		US-			
		US-			<u> </u>
		US-			
-	 	US-			
		ÚS-	- 	1	-

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T⁵
	5	WO 02/47343	06/13/2002	Green, et al.		
						<u> </u>
				<u> </u>		<u>L</u>
						1

Examiner	Date	
Signature	Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.